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<110> Cellomics, Inc.
Busa, William B

<120> Methods and Reagents for Live-cell Gene Expression Quantification

<130> 00-789-A

<140> US 09/965,876

<141> 2001-09-28

<150> US 60/236,407

<151> 2000-09-28

<160> 42

<170> PatentIn version 3.1

<210> 1

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<223> synthetic peptide

<400> 1

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
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Gly Ala Leu Phe Leu Gly Trp Leu Gly Ala Ala Gly Ser Thr Met Gly
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Ala Trp Ser Gln Pro Lys Lys Lys Arg Lys Val
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Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
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Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Lys Ile Asn Leu Lys
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Ala Leu Ala Ala Leu Ala Lys Lys Ile Leu
20 25

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Lys Leu Ala Leu Lys Leu Ala Leu Lys Ala Leu Lys Ala Ala Leu Lys
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Leu Ala

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Thr Arg Gln Ala Arg Arg Asn Arg Arg Arg Arg Trp Arg Glu Arg Gln
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Arg

<210> 7
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ggucugggcg cagcgcaagg ugacgguaaca 30

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Xaa Asp Ala Gln Thr Arg Arg Glu Arg Arg Ala Glu Lys Gln Ala
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Gln Trp Lys

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<223> r for residues 18-19 is C or absent

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nngcscugrr raagggcrr

19

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Asn Ala Lys Thr Arg Arg His Glu Arg Arg Arg Lys Leu Ala Ile Glu
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Arg

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Met Pro Lys Thr Arg Arg Arg Pro Arg Arg Ser Gln Arg Lys Arg Pro
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Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln
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ggccagaucu gagccu 16

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gggagcucuc uggcc 15

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acaugaggau uacccaugu 19

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acaugaggau cacccaugu 19

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Ala Leu Gln Lys Lys Leu Glu Glu Leu Glu Leu Asp Glu
1 5 10

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Asp Leu Gln Lys Lys Leu Glu Glu Leu Glu Leu Asp Glu
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Asp Lys Glu Arg Trp Glu Asp Val Lys Glu Glu Met Thr Ser Ala Leu
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Ala Thr Met Arg Val Asp Tyr Glu
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Trp Asp Arg Thr Phe Ser Leu Phe Gln Gln Leu Leu Gln Ser Ser Phe
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Val Val Glu

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Leu Pro Pro Leu Glu Arg Leu Thr Leu
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Leu Ala Leu Lys Leu Ala Gly Leu Asp Ile
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Leu Gln Gln Gln Leu Gly Gln Leu Thr Leu
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<400> 26

Leu Glu Ser Asn Leu Arg Glu Leu Gln Ile
1 5 10

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Leu Asp Lys Leu Ser Val Leu Thr Leu Ser
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Leu Trp Gln Phe Leu Leu Gln Leu Leu Leu Asp
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Leu Cys Gln Ala Phe Ser Lys Val Ile Leu Ala
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Xaa Xaa Xaa Leu Xaa Xaa Leu Xaa Leu
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<400> 31

Met Asp Ala Gln Thr Arg Arg Glu Arg Arg Ala Glu Lys Gln Ala
1 5 10 15

Gln Trp Lys Ala Ala Asn Lys Gly
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Met Asp Ala Gln Thr Arg Arg Glu Arg Arg Ala Glu Lys Gln Ala
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Gln Trp Lys Ala Ala Asn Lys
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Met Asp Ala Gln Thr Arg Arg Glu Arg Arg Ala Glu Lys Gln Ala
1 5 10 15

Gln Trp Lys

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Met Asp Ala Gln Thr Arg Arg Glu Arg Arg Ala Glu Lys Gln Ala
1 5 10 15

Gln Trp Lys Ala
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Met Asp Ala Gln Thr Arg Arg Glu Arg Arg Ala Glu Lys Gln Ala
1 5 10 15

Gln Trp Lys Ala Ala
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Met Asp Ala Gln Thr Arg Arg Glu Arg Arg Ala Glu Lys Gln Ala
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Gln Trp Lys Ala Ala Asn
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1 5 10 15

Gln Trp Lys Ala Ala Asn Lys Gly
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Gln Trp Lys Ala Ala Asn Lys
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<210> 39
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Gln Trp Lys

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Gln Trp Lys Ala
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Gln Trp Lys Ala Ala
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<400> 42

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Gln Trp Lys Ala Ala Asn
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